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[54] **METHOD AND APPARATUS FOR REMOTE MAINTENANCE, TROUBLESHOOTING, AND REPAIR OF A MOTORIZED WHEELCHAIR**

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[58] Field of Search **701/2, 23, 29, 701/36, 24, 28, 33; 180/6.5, 65.8, 907; 370/216, 230, 241, 242**

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[57] ABSTRACT

A method and apparatus for the remote maintenance, troubleshooting, and/or repair of electric or motorized wheelchairs is disclosed. A wheelchair diagnostic system includes a data communications network, a motorized wheelchair having a controller associated therewith, a modem coupled between the controller and the data communications network, a remote data processing unit coupled to the data communications network, and a diagnostics tool executing on the remote data processing unit which facilitates communicating with the controller across the data communications network. The diagnostics tool includes computer readable code which causes data from the controller to be downloaded across the data communications network to the remote data processing unit so that a service technician can view error code and drive parameter data for troubleshooting, diagnosing and/or repairing the wheelchair.

16 Claims, 10 Drawing Sheets

